

Walgreens

Walgreens

Portal Framework Infrastructure Requirements

Version 1.0



REVISION LIST

Ver. No	Date	Author	Description and Justification for Change	Impact on Verification / Validation (Yes/No)	Training Required
1.0		David Shapiro	Initial Draft		

I have reviewed the document and approved the contents,

Printed Name	Role	Signature	Date



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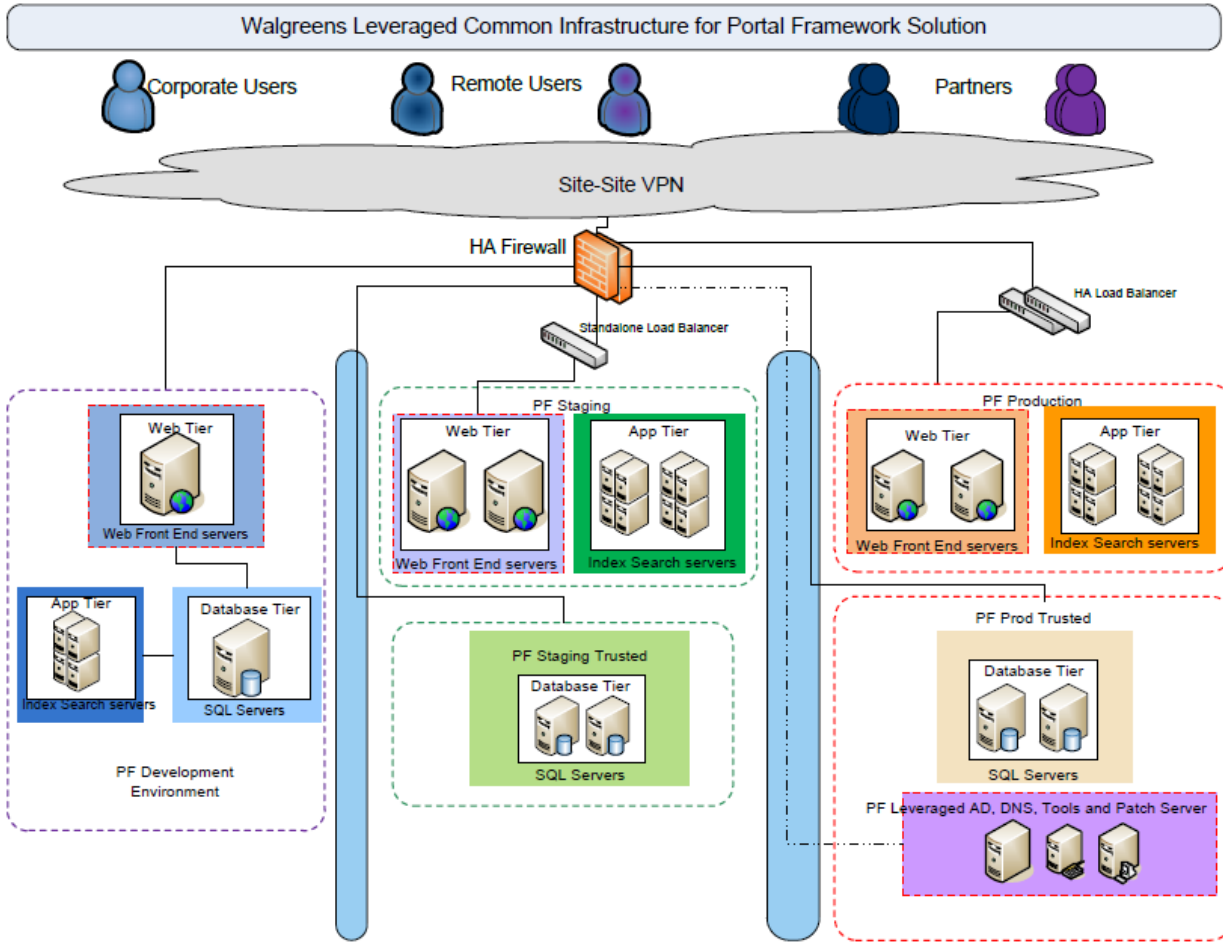
1 OVERVIEW

A portal represents a web site that provides a single point of access to applications and information.

From an end user perspective, a portal is a web site with pages that are organized by tabs or some other form of navigation. Each page contains a nesting of sub-pages, or one or more portlets—individual windows that display anything from static HTML content to complex web services. A page can contain multiple portlets, giving users access to different information and tools in a single place. Users can also customize their view of a portal by adding their own pages, adding portlets of their choosing, and changing the Look And Feel of the interface.

The portal framework is responsible for the rendering and customization of the portal.

Portal Framework Farm Architecture



2 SERVER REFERENCES:

2.1 Production Servers

Server role	Processor	Memory	O/S	C Drive Space	D: Drive Space	E: Drive Space	Comments
Web Server	2 virtual CPU	32GB	Windows Server 2008 R2 Standard Edition with SP1 x64	30GB	60GB	NA	
Web Server	2 virtual CPU	32GB	Windows Server 2008 R2 Standard Edition with SP1 x64	30GB	60GB	NA	
Application	2 virtual CPU	32GB	Windows Server 2008 R2 Standard Edition with SP1 x64	30GB	60GB	NA	
Web Server	2 virtual CPU	32GB	Windows Server 2008 R2 Standard Edition with SP1 x64	30GB	60GB	NA	
Database(SQL)	4 virtual CPU	64GB	Windows Server 2008 R2 Standard Edition with SP1 x64	30GB	3TB	1TB	<p>Install SQL Server 2008 R2 Standard Edition with SP1 x64.</p> <p>P.S.:</p> <p>The 75/25 split of D: and E: is an estimate. The DBA can change that if they feel that number is not reasonable.</p> <p>For the SQL servers, the D: drive will be used for data files of databases and the E: drive will be used for the log files of databases</p>

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2.2 UAT/Staging Servers

Server role	Processor	Memory	O/S	C Drive Space	D: Drive Space	E: Drive Space	Comments
Web Server	2 virtual CPU	32GB	Windows Server 2008 R2 Standard Edition with SP1 x64	30GB	60GB	NA	
Web Server	2 virtual CPU	32GB	Windows Server 2008 R2 Standard Edition with SP1 x64	30GB	60GB	NA	
Application	2 virtual CPU	32GB	Windows Server 2008 R2 Standard Edition with SP1 x64	30GB	60GB	NA	
Web Server	2 virtual CPU	32GB	Windows Server 2008 R2 Standard Edition with SP1 x64	30GB	60GB	NA	
Database(SQL)	2 virtual CPU	32GB	Windows Server 2008 R2 Standard Edition with SP1 x64	30GB	3TB	1TB	<p>Install SQL Server 2008 R2 Standard Edition with SP1 x64.</p> <p>P.S.: The 75/25 split of D: and E: is an estimate. The DBA can change that if they feel that number is not reasonable.</p> <p>For the SQL servers, the D: drive will be used for data files of databases and the E: drive will be used for the log</p>

							files of databases
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2.3 Development Servers

Server role	Processor	Memory	O/S	C Drive Space	D: Drive Space	E: Drive Space	Comments
Web/Application Server	2 virtual CPU	32GB	Windows Server 2008 R2 Standard Edition with SP1 x64	30GB	60GB	NA	
Database(SQL)	2 virtual CPU	32GB	Windows Server 2008 R2 Standard Edition with SP1 x64	30GB	750GB	250GB	<p>Install SQL Server 2008 R2 Standard Edition with SP1 x64.</p> <p>P.S.:</p> <p>The 75/25 split of D: and E: is an estimate. The DBA can change that if they feel that number is not reasonable.</p> <p>For the SQL servers, the D: drive will be used for data files of databases and the E: drive will be used for the log files of databases.</p>



2.4 Other Requirements

2.4.1 Web Frontend Server Load Balance:

Hardware Load Balance for Production and Test required for Web Frontend Servers.

2.4.2 IIS:

IIS version that comes with the operating system should be installed on Application and WFE servers.

3 SOFTWARE REQUIREMENTS:

3.1 Production Farm:

Server role	Software	Comments
Web Server	SharePoint2010 standard	
Application server	SharePoint2010 standard	
Database Server	SQL Server 2008 R2 Standard Edition	With latest Services pack

3.2 UAT/staging Farm:

Server role	Software	Comments
Web Server	SharePoint2010 standard	
Application server	SharePoint2010 standard	
Database Server	SQL Server 2008 R2 Standard Edition	With latest Services pack

3.3 Development Farm

Server role	Software	Comments
Web/Application Server	SharePoint2010 standard	
Web/Application Server	VSTS 2010	
Web/Application Server	SharePoint Designer2010	
Web/Application Server	VSS or TFS	
Database Server	SQL Server 2008 R2 Standard Edition	With latest Services pack

External Access

4 OFFSHORE ACCESS

- 4.1 Development server should allow access (RDP) from offshore for development.
- 4.2 More than one RDP session required.

5 SERVER PORT

- 5.1 Require list of open port (minimum 5) on development server, to set up and access SharePoint Site from outside of perimeter network.
- 5.2 All default, SSL, ftp and Database port should be open on All Production, Test and Development Farm servers.

6 VERISIGN / (DNS NAME)

- 6.1 VeriSign certificate for SharePoint site to configure SupplierNet Portal.
- 6.2 New SupplierNet URL (configure using VeriSign certificate) should be accessible from external also from internal network.
- 6.3 Redirection from Vendor.walgreens.com to new SharePoint URL in DNS.

External Servers Connectivity

Following external servers connection will required from SharePoint Farms (Production, Test and Development).

Server Name	Server Type	Environment	Port	Login credentials	SharePoint Server Name and Environment	Comments
Prdbatch01	UNIX	Prod	ftp and sftp port	Login User with no password expiry option.	Application Server(Development)	To FTP Unix Agile file from Unix server to SharePoint server.
Prdbatch01	UNIX	Prod	ftp and sftp port	Login User with no password expiry option.	Application Server(Test and Prod)	To FTP Unix Agile file from Unix server to SharePoint server.
amp5	DB2 on AS400	DEV	8471 and 449	Available	Application Server(Development)	To show Item catalogue certification message for Vendor
adr7	DB2 on AS400	Prod	8471 and 449	Available	Application Server(Test and Prod)	To show Item catalogue certification message for Vendor
dwagda01	UNIX	DEV	8080	NA	Application Server(Development)	To show Central agreement message for Vendor
Pwagap0501	UNIX	Prod	8080 and 80	NA	Application Server(Test and Prod)	To show Central agreement message for Vendor